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## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Reginald L Alexander Examiner #: 69786 Date: 7/30/2002  
Art Unit: 1761 Phone Number 303-1594 Serial Number: 10/047852  
Mail Box and Bldg/Room Location: CP3-5B18 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers; and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Filtering Device For An Espresso-Type Coffee Maker  
Inventors (please provide full names): Daniel A. Hilbrich

Earliest Priority Filing Date: November 25, 1997

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation Search

6,016,740

No Litigation Reported

\*\*\*\*\*

**Current session 30/07/2002**

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

30/07/02 20\*55\*34

Last connection: 30/07/02 14\*43\*18

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**Query/Command : FILE PLUSPAT**

QUESTEL - Time in minutes : 0,78

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Selected file: PLUSPAT

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Comprehensive Worldwide Patents database

New Patent Citation Commands &amp; FAM Citation Report - see INFO PATCITE

Last update of file: 2002/07/24 (YYYY/MM/DD) 2002-29/UP (basic update)

Search statement 1

**Query/Command : US6016740/PN****\*\* SS 1: Results 1**

Search statement 2

**Query/Command : PRT FULL NONSTOP LEGALALL**

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*1/1 PLUSPAT - ©QUESTEL-ORBIT*

<b>PN</b>	-	<b>US6016740</b> A 20000125 [US6016740]
<b>TI</b>	-	(A) Filtering device for an espresso-type coffee maker
<b>IN</b>	-	(A) HILBRICH DANIEL A (US)
<b>AP</b>	-	US97799797 19971125 [1997US-0977997]
<b>PR</b>	-	US97799797 19971125 [1997US-0977997]
<b>IC</b>	-	(A) A23F-005/26 A47J-031/00
<b>EC</b>	-	A47J-031/06B

- PCL** - ORIGINAL (O) : 099298000; CROSS-REFERENCE (X) : 099307000 099323000 426433000
- DT** - Basic
- CT** - US2416524; US2770181; US3266411; US3361052; US3405630; US3811373; US4052318; US4882982; US5150645; US5280747; US5392694; US5403605; US5447631  
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W. Weusten-Van Der Woy, et al., Identity to the Cholesterol Raising Factor From Boiled Coffee and its Effects on Liver Function Enzymes, Journal of Lipid Research (J. Lipid Res.) 1994; 35:721-33.  
  
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O. Nelssen, D.H. Forde & T. Brenn, The Tromso Study, Distribution and Population Determinates of Gamma-Glutamyl Transferase, American Journal of Epidemiology (AM. J. Epidemiol.) 1990; 132:318-26.
- STG** - (A) United States patent
- AB** - A filtering device for an espresso-type coffee maker of the type having a spout to deliver heated water under pressure, and a receptacle to receive brewed filtered coffee having a metallic filter in the path of heated coffee passing to the receptacle, and at least one layer of a paper filter in the path of the heated coffee passing to the receptacle that captures lipids and grounds from the brewed coffee.

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**1 / 1 LGST - ©LEGSTAT**

**PN** - US 6016740 [US6016740]  
**AP** - US 977997/97 19971125 [1997US-0977997]  
**DT** - US-P  
**ACT** - 19971125 US/AE-A  
APPLICATION DATA (PATENT)  
US 977997/97 19971125 [1997US-0977997]  
  
20000125 US/A  
PATENT  
  
20020416 US/RF  
REISSUE APPLICATION FILED  
20020115  
**UP** - 2002-17

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**1 / 1 CRXX - ©CLAIMS/RRX**

**PN** - 6,016,740 A 20000125 [US6016740]  
**PA** - Hilbrich, Daniel A  
**ACT** - 20020115 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020416  
REISSUE REQUEST NUMBER: 10/047852  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1761

Reissue Patent Number:

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**1 / 1 PAST - ©Thomson Derwent**

**AN** - 200216-001808  
**PN** - 6016740 A [US6016740]  
**OG** - 2002-04-16  
**ACT** - REISSUE APPLICATION FILED

**Query/Command : FILE INPADOC**

PLUSPAT - Time in minutes : 1,22  
The cost estimation below is based on Questel's  
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Estimated cost :	2.68 USD
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Estimated cost :	1.10 USD
Cost estimated for the last database search :	3.78 USD
Estimated total session cost :	4.45 USD

LGST - Time in minutes : 0,04  
The cost estimation below is based on Questel's

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Legal-Status informations :	1	
	Estimated cost :	4.92 USD
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Estimated total session cost :		9.98 USD

CRXX - Time in minutes : 0,04

The cost estimation below is based on Questel's standard price list

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	Estimated cost :	5.00 USD
Legal-Status informations :	1	
	Estimated cost :	4.92 USD
Cost estimated for the last database search :		9.98 USD
Estimated total session cost :		19.96 USD

PAST - Time in minutes : 0,04

The cost estimation below is based on Questel's standard price list

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	Estimated cost :	5.61 USD
Legal-Status informations :	1	
	Estimated cost :	4.92 USD
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Estimated total session cost :		30.56 USD

LITA - Time in minutes : 0,02

The cost estimation below is based on Questel's standard price list

	Estimated cost :	0.03 USD
Cost estimated for the last database search :		0.03 USD
Estimated total session cost :		30.59 USD

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Search statement 1

**Query/Command : FAM US6016740/PN**

1 Patent Groups

**\*\* SS 1: Results 1**

Search statement 2

**Query/Command : FAMSTATE NONSTOP**

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*1 / 1 INPADOC - ©INPADOC*

**PN** - US 6016740 A 20000125 [US6016740]  
**TI** - FILTERING DEVICE FOR AN ESPRESSO-TYPE COFFEE MAKER  
**IN** - HILBRICH DANIEL A [US]  
**PA** - HILBRICH DANIEL A [US]  
**AP** - US 977997/97-A 19971125 [1997US-0977997]  
**PR** - US 977997/97-A 19971125 [1997US-0977997]  
**IC** - A47J-031/00; A23F-005/26

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*1 / 1 LEGALI - ©LEGSTAT*

**PN** - US 6016740 [US6016740]  
**AP** - US 977997/97 19971125 [1997US-0977997]  
**DT** - US-P  
**ACTE** - 19971125 US/AE-A  
APPLICATION DATA (PATENT)  
US 977997/97 19971125 [1997US-0977997]  
  
20000125 US/A  
PATENT  
  
20020416 US/RF  
REISSUE APPLICATION FILED  
20020115  
**UP** - 2002-17

PATNO IS 6016740

DATE: JULY 30, 2002  
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FILE: ALL

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PATNO IS 6016740

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LEVEL 1 - 1 PATENT

1. 6016740 , January 25, 2000 , Filtering device for an espresso-type coffee maker , Hilbrich, Daniel A., 125 Lake Village Dr., Apt. #307 Ann Arbor, MI 48103, 08977997

CORE TERMS: coffee, filter, metallic, filtering, layer, pan, oil, lipid, espresso-type, particulate ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6016740

<=1> GET 1st DRAWING SHEET OF 1

January 25, 2000

Filtering device for an espresso-type coffee maker

REISSUE: January 15, 2002 - Reissue Application filed Ex. Gp.: 1761; Re. S.N.  
10/047,852 April 16, 2002

APPL-NO: 08977997

FILED-DATE: November 25, 1997

GRANTED-DATE: January 25, 2000

CORE TERMS: coffee, filter, metallic, filtering, layer, pan, oil, lipid,  
espresso-type, particulate ...

ENGLISH-ABST:

A filtering device for an espresso-type coffee maker of the type having a spout to deliver heated water under pressure, and a receptacle to receive brewed filtered coffee having a metallic filter in the path of heated coffee passing to the receptacle, and at least one layer of a paper filter in the path of the heated coffee passing to the receptacle that captures lipids and grounds from the brewed coffee.

6016740 OR 6,016,740

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